

In the Claims

Please amend claims 1 and 12 as follows:

1 1. (Amended) Apparatus for locating an RFID transponder vertical location
2 comprising:
3 an a passive RFID transponder for broadcasting identification data;
4 a plurality of antenna for receiving said identification data broadcast by said
5 RFID transponder, said identification data from said RFID transponder capable of being
6 received by more than one antenna at different location sites;
7 a plurality of support members at spaced apart vertical locations suitable for
8 supporting said RFID transponder, and each of said spaced apart support members
9 associated with at least one of said plurality of antenna; and
10 control circuitry connected to said plurality of antenna for determining which
11 individual antenna at different location sites of said plurality of antenna receives said
12 identification broadcast from said RFID transponder and for determining the location of
13 said RFID transponder as a function of all of the antenna receiving said broadcast data
14 and the support members associated with the antennae receiving said identification
15 data.

1 12. (Amended) A method of locating an RFID transponder in space comprising
2 the steps of:
3 broadcasting identification data from an a passive RFID transponder;
4 receiving said broadcast identification data at a plurality of antenna at
5 different location sites;
6 providing a plurality of spaced apart support members at known vertical
7 locations suitable for supporting said RFID transponders, and each of said spaced apart
8 support members associated with at least one of said plurality of antenna;
9 determining which antenna at the different location sites receives
10 identification data broadcast from said RFID transponder; and
11 determining the three-dimensional location of said transponder
12 broadcasting said identification data as a function of the antennas receiving said

13 information data and the support members associated with the antennas receiving said
14 identification data.